

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

The present invention provides a line transition and a method for manufacturing the same. The line transition is constructed such that a planar circuit can be arranged in the direction parallel to the propagation direction of electromagnetic waves propagating through a solid waveguide, the coupling characteristics of the solid waveguide with the planar circuit formed on a dielectric substrate are not influenced by the assembly precision of the waveguide and the circuit, and the line transition characteristics are not affected by a variation in manufacturing the dielectric substrate. Notches (~~N1, N2~~) are formed at the edges of the dielectric substrate in the vicinities of coupled-line pattern segments (~~14k, 15k~~) formed on a dielectric substrate (~~3~~). The notches (~~N1, N2~~) are formed by punching through holes in a ceramic green sheet serving as a motherboard, firing the motherboard, and cutting the motherboard using dicing lines passing through the through holes.